

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	5111	(128/898).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/17 17:55
L4	1972	(606/1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/17 17:55
L5	4864	(345/156).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/17 17:55
S1	1	("6201533").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/27 14:38
S2	7	"9719440"	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 14:38
S3	10	"9719440"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/27 14:38
S4	60161	(haptic force strain resistance resistence) near (detect detector measure sense sensor)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 14:46
S5	57913	(medical surgical surgery laproscopic laproscopy) with (robot robotic automate automated control controlling controller)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 14:47
S6	2210	S4 S5	US-PGPUB; USPAT; USOCR	AND	ON	2009/10/27 14:47
S7	108082	(degree near freedom) DOF	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 14:48
S8	635	S6 S7	US-PGPUB; USPAT; USOCR	AND	ON	2009/10/27 14:48
S9	0	S8 and (computer) ((simulation simulating) near (software program))	US-PGPUB; USPAT; USOCR	AND	ON	2009/10/27 14:53

S10	560	S8 and (computer)	US-PGPUB; USPAT; USOCR	AND	ON	2009/10/27 14:53
S11	12998	((degree near freedom) DOF) with (four five six seven eight nine ten)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 14:55
S12	354	S11 S6	US-PGPUB; USPAT; USOCR	AND	ON	2009/10/27 14:56
S13	318	S11 S6 computer	US-PGPUB; USPAT; USOCR	AND	ON	2009/10/27 14:56
S14	10335	((degree near freedom) DOF) near (four five six seven eight nine ten)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 14:59
S15	258	S14 S6 computer	US-PGPUB; USPAT; USOCR	AND	ON	2009/10/27 15:00
S16	13	(US-20010000663-\$ or US-20010002126-\$ or US-20010018591-\$ or US-20010020937-\$ or US-20020058929-\$ or US-20020133174-\$ or US-20030025723-\$ or US-20030055410-\$ or US-20030065358-\$ or US-20030195664-\$ or US-20040183777-\$).did. or (US-6201533-\$).did. or (WO-9719440-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2009/10/27 15:25
S17	0	S16 (S14 same S4) and S5 and computer (actuator or motor) (cable)	US-PGPUB; USPAT; USOCR	AND	ON	2009/10/27 15:28
S18	0	S16 (S14 same S4) and S5 and computer (actuator or motor)	US-PGPUB; USPAT; USOCR	AND	ON	2009/10/27 15:28
S19	0	S16 (S14 and S4) and S5 and computer (actuator or motor) and cabl	US-PGPUB; USPAT; USOCR	AND	ON	2009/10/27 15:28
S20	9	S16 (S14 and S4) and S5 and computer (actuator or motor) and cable	US-PGPUB; USPAT; USOCR	AND	ON	2009/10/27 15:28

S21	5	S16 (S14 and S4) and S5 and computer (actuator or motor) and cable and strain	US-PGPUB; USPAT; USOCR	AND	ON	2009/10/27 15:29
S22	1	("6377011").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/27 15:42
S23	1	("5807377").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/27 15:53
S24	1	("6063095").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/27 15:56
S25	1	("5882206").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/27 15:58
S26	107	(force near (feedback sensor)) same ((disk disc ball sphere plate) with (wire cable))	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/09 17:51
S27	189	((force rotat\$4) near (feedback sensor)) same ((disk disc ball sphere plate) with (wire cable))	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/09 17:51
S28	58140	(medical surgical surgery laproscopic laproscopy) with (robot robotic automate automated control controlling controller)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/09 17:52
S29	27	S26 and S28	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/09 17:52
S30	83	((rotat\$4) near (feedback sensor)) same ((disk disc ball sphere plate) with (wire cable))	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/09 17:58
S31	2	S28 and S30	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/09 17:58

S32	15	(US-20010000663-\$ or US-20010002126-\$ or US-20010018591-\$ or US-20010020937-\$ or US-20020058929-\$ or US-20020133174-\$ or US-20030025723-\$ or US-20030055410-\$ or US-20030065358-\$ or US-20030195664-\$ or US-20040183777-\$.did. or (US-6201533-\$ or US-5807377-\$ or US-5794621-\$).did. or (WO-9719440-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2009/11/09 19:45
S33	9	S32 and endoscop\$2	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/09 19:46
S34	15	(US-20010000663-\$ or US-20010002126-\$ or US-20010018591-\$ or US-20010020937-\$ or US-20020058929-\$ or US-20020133174-\$ or US-20030025723-\$ or US-20030055410-\$ or US-20030065358-\$ or US-20030195664-\$ or US-20040183777-\$.did. or (US-6201533-\$ or US-5807377-\$ or US-5794621-\$).did. or (WO-9719440-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2009/11/10 12:46
S35	9	S34 and (endoscop\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/10 12:46
S36	32173	(endoscop\$2) and (sheath tube tubular)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/10 12:49
S37	18775	S36 and (grasp\$3 grip\$4 scissor dissector cutt\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/10 12:51

S38	523382	(mov\$3 slid\$3 axial longitudinal) with (sheath tube tubular)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/10 12:53
S39	9486	S37 S38	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/10 12:53
S40	1088	S39 and (telemanipulat\$3 manipulator robotic robot)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/10 12:54
S41	354328	(mov\$3 slid\$3) with (sheath tube tubular)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/10 12:56
S42	7328	S41 and S37	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/10 12:56
S43	99877	"19" and (telemanipulat\$3 manipulator robotic robot)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/10 12:56
S45	851	S42 and (telemanipulat\$3 manipulator robotic robot)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/10 12:57
S46	9085	((grasp\$3 grip\$4 scissor dissector cutt \$3) with (open close)) same ((mov \$3 slid\$3 axial longitudinal) with (sheath tube tubular))	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/10 13:01
S47	8321	((grasp\$3 grip\$4 scissor dissector cutt \$3) with (open close)) same ((mov \$3 slid\$3 movement) with (sheath tube tubular))	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/10 13:02
S48	188	S47 and (telemanipulat\$3 manipulator robotic robot)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/10 13:02
S49	8	S48 and ((force or position) near sensor) and (sensor with (sheath tube tubular))	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/10 14:00

S50	7060	((force or position) near sensor) and (sensor with (sheath tube tubular))	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/10 14:01
S51	2498	S41 and S50	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/10 14:02
S52	1337	(force near sensor) and (sensor with (sheath tube tubular))	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/10 14:28
S53	191	S52 and (telemanipulat\$3 manipulator robotic robot)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/10 14:28
S54	1	("5020411").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/10 14:45
S55	26	(US-20010000663-\$ or US-20010002126-\$ or US-20010018591-\$ or US-20010020937-\$ or US-20020058929-\$ or US-20020133174-\$ or US-20030025723-\$ or US-20030055410-\$ or US-20030065358-\$ or US-20030195664-\$ or US-20040183777-\$ or US-20040216748-\$ or US-20050021018-\$ or US-20040045561-\$ or US-20080167736-\$ or US-20060235571-\$). did. or (US-6201533-\$ or US-5807377-\$ or US-5794621-\$ or US-5445638-\$ or US-5275614-\$ or US-7320319-\$ or US-5501114-\$ or US-5033314-\$ or US-6253770-\$). did. or (WO-9719440-\$). did.	US-PGPUB; USPAT; EPO	OR	ON	2009/11/10 16:21
S56	22	S55 and sensor	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/10 16:21

S57	6943	("901").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/17 16:00
S58	474	S57 and ((force strain) near (sensor detector))	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 16:00
S59	110	S58 and (catheter tube cannula endoscope)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 16:01
S60	28	S57 and (((force strain) near (sensor detector)) same (tube catheter endoscope lumen))	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 16:02

11/17/2009 5:57:23 PM

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robotic control system.wsp